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मानक

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IS 8889 (1992): Surgical Instruments - Forceps, Stone, Kidney, Randall's Pattern - Shapes and Dimensions [MHD 1: Surgical Instruments]



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“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक

शल्यक उपकरण — रैंडाल नमूने की गुर्दा अश्म चिमटियाँ —
आकृतियाँ एवं आयाम

(पहला पुनरीक्षण)

Indian Standard

SURGICAL INSTRUMENTS — FORCEPS,
STONE, KIDNEY, RANDALL'S PATTERN —
SHAPES AND DIMENSIONS

(*First Revision*)

UDC 615.472.4 : 616.61-089-72

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BUREAU OF INDIAN STANDARDS
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FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Surgical Instruments Sectional Committee had been approved by the Medical Equipment and Hospital Planning Division Council.

This standard was first published in 1978. It has been revised so as to retain the requirements in respect of shapes and dimensions only, as the common specification aspects for these types of forceps are covered in IS 3642 (Part 1) : 1990 'Surgical instruments — Specification: Part 1 Non-cutting, articulated instruments (*second revision*)' which would serve as a horizontal standard for these forceps. Accordingly, this standard takes the form of a vertical standard and is intended to be used in conjunction with IS 3642 (Part 1) : 1990.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

*Indian Standard***SURGICAL INSTRUMENTS — FORCEPS,
STONE, KIDNEY, RANDALL'S PATTERN —
SHAPES AND DIMENSIONS***(First Revision)***1 SCOPE**

1.1 This Indian Standard specifies the shapes and dimensions for Randall's pattern Kidney stone forceps.

2 REFERENCE

2.1 The Indian Standard IS 3642 (Part 1) : 1990 'Surgical instruments — Specification: Part 1 Non-cutting, articulated instruments (*second revision*)' forms a necessary adjunct to this standard.

3 SHAPES AND DIMENSIONS

3.1 The different shapes and dimensions of the Randall's pattern, Kidney stone forceps shall be as shown in Fig. 1.

3.2 Joint

The joint of the Kidney stone forceps shall be box type conforming to 13.2.2 of IS 3642 (Part 1) : 1990.

3.3 Working Ends

The working ends shall be shaped as shown in Fig. 1 and shall be such that when a piece of hard vulcanized rubber of 12 mm thickness is firmly gripped between the working ends with full pressure of both hands applied on the finger loops, the forceps shall not be damaged or take a permanent set.

3.4 Finger Loops

The finger loops, shall be of size No. 2 conforming to Section 6 of IS 3642 (Part 1) : 1990.

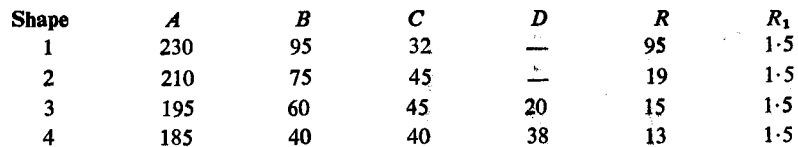


FIG. 1 KIDNEY STONE FORCEPS, RANDALL'S PATTERN

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Doc : No. MHD 1 (2393)

Amendments Issued Since Publication

Amend No.	Date of Issue	Text Affected

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